

Serial No. 09/943,308

Page 2

identifying conditions of degraded braking effectiveness based on the periodically measured deceleration and brake pedal position; and

- 10 adaptively adjusting a brake pressure control parameter of said anti-lock brake controller when a condition of degraded braking effectiveness is identified so as to compensate for the identified condition.

11. (New) A vehicle braking system comprising:

a driver activated brake pedal;

a brake pedal position sensor providing a plurality of brake pedal positions for said brake pedal;

a brake pressure modulator operatively coupled to brakes;

an anti-lock brake controller that activates said brake pressure modulator to modulate vehicle braking upon detection of an insipient wheel lock condition;

wherein said anti-lock brake controller periodically measures vehicle deceleration and brake pedal position during activation of the braking system when said insipient wheel lock condition is not detected;

wherein said anti-lock brake controller identifies conditions of degraded braking effectiveness based on the periodically measured deceleration and brake pedal position; and

wherein said anti-lock brake controller adaptively adjusts a brake pressure control parameter of said anti-lock brake controller when a condition of degraded braking effectiveness is identified so as to compensate for the identified condition.

REMARKS

This amendment is in response to the Office Action mailed on December 18, 2002, wherein Claims 1-9 were rejected. Claims 10 and 11 have been added. Claims 1-11 remain pending.